

## SCIENTIFIC CURRICULUM VITAE

### 1. Personal details

Full name	NGO THANH SON	Birth date	25/11/1980
Academic title	Dr	Sex	Male
Administrative position	Lecturer	ID Number	
Department	Water Resources, Faculty of Natural Resources and Environment (FONRE)		
Institution	Vietnam National University of Agriculture (VNUA)		
Address	Trau Quy, Gia Lam	City/prov	Hanoi
Cell phone	N/A		
Email (office)	ntson@vnua.edu.vn		
Second email	N/A		
Orcid number	<a href="http://orcid.org/0000-0001-9785-1933">http://orcid.org/0000-0001-9785-1933</a>	H-index	

### 2. Qualifications

No.	Years	Academic Institution	Major/specialty	Academic degree
1	2020	Environmental Sciences, Earth and Life Institute, Faculty of Bioscience Engineering, UCLouvain, Belgium	Hydrology and Water Resources	Postdoc
2	2015	Asian Institute of Technology (AIT), Bangkok, Thailand	Natural Resources Management	PhD
3	2008	University of the Philippines LosBanos (UPLB), Philippines	Soil Science	MSc
4	2002	Vietnam National University of Agriculture, Vietnam	Land Management	BSc

### 3. Professional experience

No.	Years	Institution	Address	Position
1	2003- present	Vietnam National University of Agriculture	Trau Quy – Gia Lam – Ha Noi	Lecturer
2	11/2017-/2/2018	UCLouvain	Belgium	Project writing
3	1/7-30/9/2016	Gembloux Agro-Bio Tech, University of Liège	Belgium	Researcher
4	1/2 – 31/3, 2012	National Institute for Environmental Studies	Japan	Exchange student

### 4. Language (Rating: A-Poor/deficient; B - Fair; C – Sufficient; D – Fluent)

Language	Reading	Writing	Speaking	Certificate/degree
English	C	C	C	Medium English Instructor

## 5. Expertise and research interests

5.1 Main research orientation: Precision agriculture, climate smart agriculture (CSA), soil and water conservation, water management, land use planning and management, application of RS&GIS for natural resources management, climate change, and crop ad hydrological modelling.

### 5.2 List of research projects

No.	Project name	Funding agency & amount	Project duration	Position in the project (manager, coordinator, secretary, researcher)
1	Establishing the technical guidelines for environmental improvement and restoration of agricultural land of degraded risk in the South-Central Coast of Vietnam	130,000USD	2022-2023	Researcher
2	Linking Disaster risk governance and land-use planning: the case of informal settlements in hazard prone areas in The Philippines (LIRLAP)	2,510,338 Euro (Sub contact: 50,000 Euro)	2021-2024	Co-Ordinator
3	Application of SWAT model to assess, predict, and warn soil erosion in the slopping land of Gia Lai province, Vietnam	55,000 USD	2020-2022	Manager
4	Agricultural Land Use and Management to Adapt Climate Change Serving the Goal of Agriculture Reconstruction in North Central Vietnam	56,425 USD	2020-2021	Secretary
5	Improving Land Use Systems in response to Drought Situation in South Central Coast	185,000 USD	2017-2020	Researcher

### 5.3 Publications and accomplishments

No.	Authors	Year	Title of papers/book	Name of publishers/No.Vol, page	ISSN/ISBN	IF	Notes
1	Article (s) in ISI-covered journal						
1.1	Ngo Thanh Son, Hoang Le	2021	Application of SWAT model to assess land use change and	Springer (Accepted in Feb 2021)		2.191	

	Huong, Nguyen Duc Loc, Tran Trong Phuong		climate variability impacts on hydrology of Nam Rom Catchment in Northwestern Vietnam				
1.2	Ngo, T. S., Nguyen, D. B., & Rajendra, P. S	2015	Effect of land use change on runoff and sediment yield in Da River Basin of Hoa Binh province, Northwest Vietnam	Springer		1.651	
2	Article in other international Journal (Scopus)						
2.1	Hoang Le Huong, Ngo Thanh Son	2020	Response of Streamflow and Soil Erosion to Climate Change and Human Activities in Nam Rom River Basin, Northwest of Vietnam	Environment and Natural Resources Journal, 18(4), 411-423. (Scopus)		Scopus	
2.2	Ngo Thanh Son, Nguyen Duy Binh	2020	Predicting Land Use and Climate Changes Scenarios Impacts on Runoff and Soil Erosion: A Case Study in Hoa Binh Province, Lower Da River Basin, Northwest Vietnam	EnvironmentAsia, 12(2). (Scopus)		Scopus	
3	National/International Conference(s)						
3.1	Nguyen Huu Thanh, Hoang Le Huong, Ngo Thanh Son,	2020	Assessing Land Resources Potentials to Support Orientations of Agricultural Land Use	VNUA- Kyushu University Conference			

	Luyen Huu Cu		in Ham Thuan Bac District, Binh Thuan Province				
3.2	Hoang Le Huong, Ngo Thanh Son, Nguyen Huu Thanh	2018	Assessment of Drought Indices using Different Methods in South Central Coast of Vietnam				
3.3	Ngo Thanh Son, Nguyen Duy Binh, Hoang Le Huong, Nguyen Duc Loc	2016	Use of Remote Sensing and SWAT model to assess land use change and climate variability on water resources in the upper Ma river basin, North western Vietnam	In the proceeding: University Curricula and Research on Water Management and Agriculture for Climate Change Responses (NICHE-ACCCU, Netherlands)			
3.4	Do Thi Thanh Duong, Ngo Thanh Son, Tran Trong Phuong	2015	Policy and Subsidy for Growers in Afforestation and Perennial Crops Project in relation to Local Livelihood, Northwest Vietnam	In the proceedings of Workshop: Joint Symposium between Kyushu University and Viet Nam National University of Agriculture - “Impacts of land use changes on the soil and water quality and rural environment in Vietnam - Japan”. Agricultural University Press			
4	Article(s) in national scientific journal						
4.1	Nguyen Huu Thanh, Hoang Le Huong, Ngo Thanh Son, Luyen	2021	Assessment of Land Resources Potentials for Orientated Agriculture Land Use in Ham Thuan Bac district, Binh Thuan province	VJAS	2588 – 1299		

	Huu Cu, Nguyen Duc Hung, Nguyen Tho Hoang, Nguyen Van Thao.						
4.2	Tran Trong Phuong, Ngo Thanh Son, Tran Van Khai, Nguyen Khac Viet Ba	2021	Assessing the management and use of agricultural land in response to land use planning in Dien Chau district, Nghe An province	Vietnam Journal of Agricultural Sciences (VJAS)	2588 – 1299		
4.3	Ngo Thanh Son, Hoang Le Huong, Luyen Huu Cu, Nguyen Huu Thanh	2018	Assessment of Drought Characterization at Binh Thuan province in the period of 1984 – 2016	Vietnam Agricultural Science Journal- (VASJ)	1859-0004		
4.4	Tran Trong Phuong, Ngo Thanh Son	2017	Land Use Change and Its Interactions on Soil, Water Resources, and Rural Livelihood in Hoa Binh province Vietnam	Vietnam Agricultural Science Journal- (VASJ)	1859-0004		
4.5	Do Thi Thanh Duong, Ngo Thanh Son	2017	Water Use Management in the Nam Rom Irrigation System of Muong Thanh Valley, Northwest Vietnam	Vietnam Agricultural Science Journal- (VASJ)	1859-0004		
4.6	Ngo Thanh	2017	Application of Remote Sensing	Journal of Vietnam Soil			

	Son, Hoang Le Huong, Nguyen Duc Loc		and Indigenous Knowledge for Assessing Land Use/Land Cover Changes at the Upper Ma River Basin	Science. Vol 48. 70-76.			
4.7	Hoang Le Huong, Tran Trong Phuong, Ngo Thanh Son	2017	Assessing correlation between geography and land use changes in Nam Rom River Basin, Dien Bien province	Journal of Vietnam Agricultural Science and Technology			
5	Text book, lecture notes (published)						
5.1	Nguyen Duy Binh, Ngo Thanh Son	2021 (In- press)	Hydrology	Agricultural University Press			
6	Others (Monographs, patents, scientific awards,...)						
	Ngo Thanh Son, Rodrigo B Badayos, Pearl B Sanchez, Pompe C Sta Cruz, Nguyen Van Dung, Nguyen Huu Thanh	2011	Discovering New Roads to Development Volume 2: Lowland Agricultural Technologies	Southeast Asian Regional Center for Graduate Study and Research in Agriculture (SEARCA)			

Vietnam National University of Agriculture

**Hanoi**, 29 June, 2021  
(Full name and signature)

**(Signed)**

**Ngo Thanh Son**